

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN)
and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

Released: May 16, 2011
For Week Ending: May 15, 2011
ND-CW2011

General: Rain and cooler temperatures hindered fieldwork across the state, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. A week after fieldwork began in most areas, scattered storms returned to further saturate already wet fields. Topsoil moisture supplies were rated 1 percent short, 60 adequate, and 39 surplus while subsoil moisture supplies were rated 1 percent short, 56 adequate, and 43 surplus. Statewide, on average, there were 2.9 days suitable for fieldwork.

Crops: Planting continued at a slow pace. Barley was 6 percent planted, compared to 61 percent last year and 66 percent average. Spring and Durum wheat were 15 and 3 percent planted, respectively. Oats were 15 percent planted. Canola was 8 percent planted, compared to 46 percent at this point last year and 53 percent average. Corn was 14 percent planted, behind both last year and the five-year average. Dry edible beans reached 1 percent planted this week, compared to 8 percent for both last year and the five-year average. Dry edible peas were 7 percent planted, compared to 79 percent last year and 80 percent average. Flaxseed was 2 percent planted. As of May 15, potato growers had planted 3 percent of the crop, compared to 63 percent at this point last year and 47 percent average. Soybeans were 2 percent planted, behind both last year and the five-year average. Sugarbeets were 27 percent planted, well behind 100 percent last year and 81 percent average. Other activities during the week included tilling fields and equipment maintenance.

Livestock: Cattle in many areas were being put out to pasture. Calving reached 94 percent complete. Hay and forage supplies were rated 2 percent very short, 13 short, 79 adequate, and 6 surplus. Grain and concentrate supply was rated 1 percent very short, 10 short, 84 adequate, and 5 surplus. Pastures and ranges were rated 85 percent growing. Pasture and range conditions were rated 1 percent very poor, 3 poor, 29 fair, 60 good, and 7 excellent.

Soil Temperatures: On May 15, average soil temperatures ranged from a low of 47 degrees F in Bowman, Langdon, and Robinson to a high of 58 degrees F in Cavalier. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

Average Soil Temperatures*: May 15, 2011

Station	Temperature (degrees F)	Station	Temperature (degrees F)
NORTHWEST			
Bowbells	49	CENTRAL	
Minot	50	Carrington	53
Williston	53	Robinson	47
NORTH CENTRAL			
Baker	54	Streeter	49
Bottineau	48	EAST CENTRAL	
Rolla	50	Dazey	50
NORTHEAST			
Cavalier	58	Fargo	50
Grand Forks	52	SOUTHWEST	
Langdon	47	Bowman	47
WEST CENTRAL			
Turtle Lake	53	Dickinson	53
Watford City	49	SOUTH CENTRAL	
		Linton	50
		SOUTHEAST	
		Oakes	54
		Wyndmere	52

*Thermometers located 4 inches under bare soil.

Source: NDAWN, Department of Soil Science, NDSU.

Crop Development Progress – North Dakota

(Crop development percents represent all acreage in or beyond each stage. Progress is based on current intended acreage.)

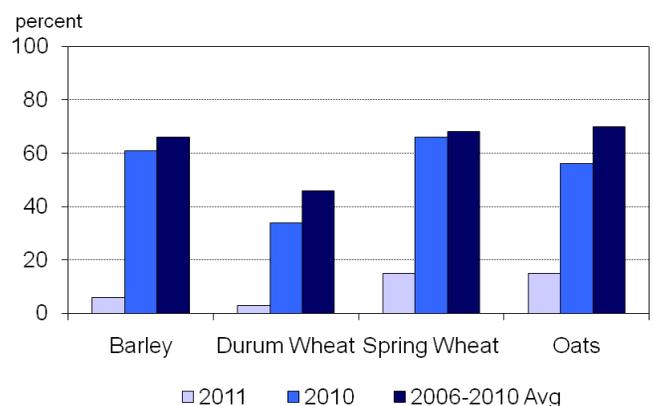
Crop	May 15, 2011 (percent)	May 8, 2011 (percent)	May 15, 2010 (percent)	2006-2010 Average (percent)
Barley				
Planted.....	6	3	61	66
Emerged	-	-	26	29
Durum wheat				
Planted.....	3	1	34	46
Emerged	-	-	10	17
Spring wheat				
Planted.....	15	7	66	68
Emerged	1	-	39	35
Oats				
Planted.....	15	6	56	70
Emerged	1	-	26	31
Canola				
Planted.....	8	3	46	53
Emerged	-	-	13	17
Corn, all				
Planted.....	14	3	57	55
Emerged	-	-	16	12
Dry edible beans				
Planted.....	1	-	8	8
Emerged	-	-	-	-
Dry edible peas				
Planted.....	7	2	79	80
Emerged	-	-	22	29
Flaxseed				
Planted.....	2	1	21	39
Emerged	-	-	2	9
Potatoes				
Planted.....	3	2	63	47
Emerged	-	-	10	5
Soybeans				
Planted.....	2	-	8	20
Emerged	-	-	-	-
Sugarbeets				
Planted.....	27	14	100	81
Emerged	-	-	63	30
Sunflower				
Planted.....	-	-	2	8

- Represents zero.

Crop and Pasture Condition – North Dakota: May 15, 2011

Crop	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Pasture and Range	1	3	29	60	7

Small Grains Planted North Dakota: May 15, 2011



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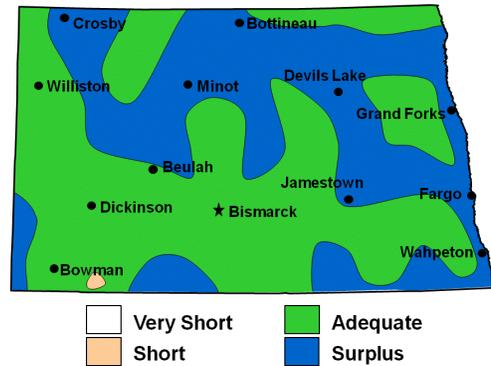
NORTH DAKOTA CROP WEATHER REPORT, Week Ending May 15, 2011

Soil Moisture Supplies – North Dakota

Item	May 15, 2011	May 8, 2011	May 15, 2010	2006-2010 Average
	(percent)	(percent)	(percent)	(percent)
Topsoil				
Very Short..	-	-	-	5
Short	1	1	3	14
Adequate...	60	54	78	68
Surplus.....	39	45	19	13
Subsoil				
Very Short..	-	-	-	7
Short	1	-	2	17
Adequate...	56	58	80	63
Surplus.....	43	42	18	13

- Represents zero.

**Topsoil Moisture Supplies
 North Dakota, May 15, 2011**



Weather: Temperatures were below normal statewide this past week. High temperatures on Monday were in the mid-50s to low 70s with showers and thunderstorms across much of the state. Showers and thunderstorms continued across much of the state on Tuesday with highs in the mid-40s to mid-70s. Highs on Wednesday were in the 50s to low 60s with dry conditions. There were a few showers in the north and far southeast on Thursday with highs in the 40s to low 60s. Highs on Friday were in the 40s to 50s with showers in the central and east. There were showers in the southern part of the state on Saturday with highs in the mid-40s to mid-60s. Highs on Sunday were in the 50s to 60s with a few showers in the south.

Outlook, May 16-22: Temperatures will be near to above normal statewide this week. Precipitation will be near to above normal. Monday will be dry with highs in the mid-60s to low 70s. There will be a chance of showers in the west on Tuesday with highs in the upper 50s to low 70s. Highs on Wednesday will be in the mid-50s to low 70s with a chance of showers in the south central and west. The chance of showers will continue in the south central and west on Thursday with highs in the mid-50s to mid-70s. Highs on Friday and Saturday will be in the 60s to low 70s with a chance of showers and thunderstorms statewide. There will be a chance of showers and thunderstorms across the state on Sunday with highs in the mid-60s to mid-70s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending May 15, 2011**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 ¹		
	Past Week	Depart Normal ²	Past Week	Total	Depart Normal ²
	(degrees F)	(degrees F)	(inches)	(inches)	(inches)
Northwest(1)	50	-2	1.91	3.63	1.38
N. Central(2)	50	-2	0.56	1.54	-0.68
Northeast (3)	50	-3	0.35	2.21	0.17
W. Central(4)	49	-4	1.00	2.35	-0.13
Central (5)	50	-4	0.81	2.27	0.07
E. Central(6)	53	-2	0.82	2.70	0.16
Southwest(7)	47	-4	1.07	3.28	0.59
S. Central(8)	50	-4	1.21	2.95	0.42
Southeast(9)	56	1	0.25	2.36	-0.61

¹ Precipitation amounts may vary due to an inaccurate snowfall melt.
² Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending May 15, 2011**

Stations by District	Temperature past week		Seasonal precipitation beginning April 1 ¹		
	High	Low	Past week	Total	Depart normal ²
	(degrees F)	(degrees F)	(inches)	(inches)	(inches)
(1) Bowbells.....	66	34	1.76	319	0.93
Williston.....	65	36	2.73	4.59	2.67
Mohall.....	66	36	1.60	3.28	1.07
Minot.....	65	36	1.56	3.46	0.84
(2) Baker.....	65	35	0.31	1.42	-0.80
Bottineau	69	33	0.75	2.02	-0.14
Rugby.....	66	36	0.62	1.19	-1.11
(3) Cando	64	35	0.40	2.86	0.99
Cavalier	67	36	0.30	1.56	-0.50
Forest River....	67	37	0.21	2.25	0.14
Grand Forks....	67	38	0.55	3.22	1.12
Langdon	63	34	0.48	1.38	-0.61
St. Thomas	66	37	0.19	2.00	-0.11
(4) Hazen.....	65	31	0.54	1.97	-0.75
Turtle Lake.....	65	36	0.64	1.21	-1.23
Watford City....	65	36	1.81	3.87	1.60
(5) Carrington	65	36	0.93	1.90	-0.60
Harvey	65	35	0.47	1.70	0.11
Jamestown	69	35	0.85	2.56	0.17
Robinson	65	36	1.21	2.68	0.27
Streeter.....	69	34	0.61	2.53	0.40
(6) Dazey.....	65	36	0.56	1.96	-0.51
Fargo	73	38	1.30	3.30	0.78
Hillsboro	68	39	0.60	2.83	0.21
(7) Beach.....	62	33	2.16	4.32	1.61
Bowman	61	30	0.45	2.80	0.35
Dickinson.....	63	33	0.76	2.83	0.02
Hettinger.....	70	31	0.92	3.17	0.39
(8) Mandan	65	35	1.06	2.78	0.12
Linton.....	68	34	1.36	3.13	0.72
(9) Edgeley	75	36	0.18	2.16	-0.81
Oakes	77	37	0.40	2.72	-0.16
Wyndmere	76	39	0.17	2.19	-0.87

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² Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.